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TC 1700 "PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:
Patrick Brant, et al.

APPLICATION NO.: 09/728,267

FILED: 12/01/2000

FOR: Improved Polymerization Reactor
Operability Using Static Charge
Modifier Agents

§ EXAMINER: Brown, Jennine M.

§ GROUP ART UNIT: 1755

§ ATTY. DOCKET NO.: 2000U039.US

§ DATE: September 29, 2003

Honorable Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

RESPONSE A

The following is in response to the Office Action, mailed March 27, 2003 (paper number 8). Submitted herewith is a Petition For a Three-Month Extension of Time to extend the time for response to September 27, 2003. Applicants respectfully request reconsideration of the claimed invention in view of the following amendments and remarks.

In the Claims

Please delete Claim 8 as the limitation therein has been incorporated into the base claims by amendment. Please amend the remaining claims as follows.

1. (Amended) A catalyst composition comprising, in combination, a bulky ligand metallocene-type catalyst compound, an activator and a static charge modifier having the formula $[C]^+ [A]^-$ wherein the cation $[C]^+$ does not possess an active hydrogen or other reactive group which is capable of forming additional chemical bonds and $[A]^-$ is a weakly coordinating metal or metalloid containing anion.

2. (Amended) The catalyst composition of claim 1 wherein the cation $[C]^+$ satisfies the formula $[WR_1...R_n]$ wherein W is an atom having a permanent charge,

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